

```
<!--StartFragment-->RESULT 1
CXAR_HUMAN
ID   CXAR_HUMAN      STANDARD;          PRT;   365 AA.
AC   P78310; O00694; Q8WWT6; Q8WWT7; Q8WWT8; Q9UKV4;
DT   30-MAY-2000, integrated into UniProtKB/Swiss-Prot.
DT   01-MAY-1997, sequence version 1.
DT   07-MAR-2006, entry version 57.
DE   Coxsackievirus and adenovirus receptor precursor (Coxsackievirus B-
DE   adenovirus receptor) (hCAR) (CVB3-binding protein) (HCVADR).
GN   Name=CXADR; Synonyms=CAR;
OS   Homo sapiens (Human).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae;
OC   Homo.
OX   NCBI_TaxID=9606;
RN   [1]
RP   NUCLEOTIDE SEQUENCE [MRNA] (ISOFORM 1), FUNCTION AS VIRUS RECEPTOR,
RP   AND TISSUE SPECIFICITY.
RX   MEDLINE=97250541; PubMed=9096397; DOI=10.1073/pnas.94.7.3352;
RA   Tomko R.P., Xu R., Philipson L.;
RT   "hCAR and mCAR: the human and mouse cellular receptors for subgroup C
RT   adenoviruses and group B coxsackieviruses.";
RL   Proc. Natl. Acad. Sci. U.S.A. 94:3352-3356(1997).
RN   [2]
<!--EndFragment-->
```

<!--StartFragment--> Query Match 99.4%; Score 1880; DB 1; Length 365;  
Best Local Similarity 99.5%; Pred. No. 2.9e-136;  
Matches 363; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
Qy      1 MALLLCFVLLCGVVDFAFARSLSIITPEEMIEKAKGETAYLPCKFTLSPEDQGGLDIEWLIS 60
      |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 MALLLCFVLLCGVVDFAFARSLSIITPEEMIEKAKGETAYLPCKFTLSPEDQGGLDIEWLIS 60

Qy     61 PADNQKVDQVILYSGDKIYDDYYPDLKGRVHFTSNDLKSGDASINVTNLQLSDIGTYQC 120
      |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 PADNQKVDQVILYSGDKIYDDYYPDLKGRVHFTSNDLKSGDASINVTNLQLSDIGTYQC 120

Qy    121 KVKKAPGVANKKIHVLVVKPSGARCIVDGSSEIGSDFKIKCEPKESLPLQYEWQKLS 180
      |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 KVKKAPGVANKKIHVLVVKPSGARCIVDGSSEIGSDFKIKCEPKESLPLQYEWQKLS 180

Qy    181 SQKMPTSWLAEMTSSVISVKNASSEYSGTYSCTVRNRVGSQCLLRLNVVPPSNKAGLIA 240
      |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    181 SQKMPTSWLAEMTSSVISVKNASSEYSGTYSCTVRNRVGSQCLLRLNVVPPSNKAGLIA 240

Qy    241 GAIIGTLLALALIGLIIFCCRKKRREEKYEKEVHHDIREDVPPPKSRTSTARSYIGSNHS 300
      |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    241 GAIIGTLLALALIGLIIFCCRKKRREEKYEKEVHHDIREDVPPPKSRTSTARSYIGSNHS 300

Qy    301 SLGSMSPSNMEGYSKTQYNQVPSEDFERTPQSPTLPPAKVALLNLSRMGAIPVMIPAQSK 360
      |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    301 SLGSMSPSNMEGYSKTQYNQVPSEDFERTPQSPTLPPAKVAAPNLSRMGAIPVMIPAQSK 360

Qy    361 DGSIV 365
      |||||
Db    361 DGSIV 365
```

<!--EndFragment-->

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	Negishi adj Masahiko	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:52
L2	18	Ueda adj Akiko	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:52
L3	82	Pedersen adj Lars	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:53
L4	4	Pedersen adj Lars adj C	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:53
L5	11	Kakizaki adj Satoru	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:54
L6	8	Sueyoshi adj Tatsuya	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:55
L7	942083	"constitutively active nuclear receptor" or CAR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:56
L8	0	mutat?4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:55
L9	143085	mutat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:55

## EAST Search History

L10	12	"constitutively active nuclear receptor" or "constitutively active nuclear hormone receptor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:57
L11	1	l1 and l9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:57
L12	6594	"nuclear receptor" or "nuclear hormone receptor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:58
L13	8983	xenochemical or xenobiotic or "drug metabolism"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:58
L14	5594	phenobarbital or TCPOBOP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:59
L15	366	"steroid metabolism"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 08:59
L16	648	l12 and l13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 09:00
L17	172	l12 same l13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 09:00
L18	114	l12 with l13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 09:00
L19	154	l12 and l14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 09:00

## EAST Search History

L20	27	I12 with I14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 09:00
L21	59	I12 and I15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 09:00
L22	5	I12 with I15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 09:01

is full

(FILE 'HOME' ENTERED AT 09:07:34 ON 06 SEP 2007)

FILE 'CAPLUS, MEDLINE, EMBASE, BIOSIS, SCISEARCH' ENTERED AT 09:12:08 ON  
06 SEP 2007

L1	444	SEA	ABB=ON	PLU=ON	NEGISHI MASAHIKO/AU
L2	87	SEA	ABB=ON	PLU=ON	UEDA AKIKO/AU
L3	155	SEA	ABB=ON	PLU=ON	PEDERSEN LARS C/AU
L4	156	SEA	ABB=ON	PLU=ON	KAKIZAKI SATORU/AU
L5	112	SEA	ABB=ON	PLU=ON	SUEYOSHI TATSUYA/AU
L6	147	SEA	ABB=ON	PLU=ON	L1 AND "NUCLEAR RECEPTOR"
L7	24	SEA	ABB=ON	PLU=ON	L6 AND MUTATION
L8	13	DUP	REM	L7	(11 DUPLICATES REMOVED)
		DIS	L8	TI	SO 1-13
L9	5928	SEA	ABB=ON	PLU=ON	"CONSTITUTIVELY ACTIVE NUCLEAR RECEPTOR"
		OR	"ORPHAN	NUCLEAR	RECEPTOR"
L10	71849	SEA	ABB=ON	PLU=ON	XENOBIOTIC OR XENOCHIMICAL
L11	791	SEA	ABB=ON	PLU=ON	PHENOBARBITOL OR TCPOBOP
L12	5	SEA	ABB=ON	PLU=ON	L9 AND L11
L13	159	SEA	ABB=ON	PLU=ON	CAR AND L11
L14	146	SEA	ABB=ON	PLU=ON	CAR (P) L11
L15	45	DUP	REM	L14	(101 DUPLICATES REMOVED)
		DIS	TI	SO	AU L15 1-45